Abstract

The present invention relates to a method for rollover stabilization of a vehicle in critical driving situations, in which a rollover stabilization algorithm (4,5,8) intervenes in the driving operation in a critical situation, using an actuator (3,9,10), in order to stabilize the vehicle. Different loading states of the vehicle may be taken into consideration in that the vehicle mass (m) as well as the characteristic speed (v_{ch}) and the ratio of the contact patch forces of the wheels (F_{Nl}/F_{Nr}) are ascertained, and the rollover stabilization algorithm (4,5,8) is executed as a function of the vehicle mass (m) and the estimated vehicle center of gravity (h_{sp}).

Fig. 3